SOLID EDGE
VELOCITY SERIES

Tutorial: ***Assembly***

Project: ***Roadroller (Draft)***

cad / cam / pdm / cae CAAP®

Solution Partner PLM SIEMENS

ITEM	NUMBER	TITEL	MATERIAL	DOCUMENT NR.	REV.	FILENAME
9	2	Rear Wheel	Steel	1006	A	Roadroller-1006-Rear wheel-A.par
8	1	Rear Axis	Steel	1007	A	Roadroller-1007-Rear Axis-A.par
7	1	Roof	Steel	2002	A	Roadroller-2002-Roof-A.psm
6	1	Roller	Steel	1001	A	Roadroller-1001-Roller-A.par
5	1	Front Axle	Steel	1002	A	Roadroller-1002-Front Axle-A.par
4	1	Steering Bracket	Steel	2001	A	Roadroller-2001-Steering Bracket-A.psm
3	1	Steampipe	Steel	1004	A	Roadroller-1004-Steampipe-A.par
2	1	Boiler	Steel	1003	A	Roadroller-1003-Boiler-A.par
1	1	Cab	Steel	1005	A	Roadroller-1005-Cab-A.par

AMERICAN PROJECTION

SCALE : 1:2
DIMENSION UNITS : MM
DATE : 22-8-2011

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MATERIAL :
PROJECT: Roadroller

TITEL : Assembly
NUMBER : 3001
REV: A
SIZE: A4

1	1. Start **Solid Edge.** 2. Click on **<u>ISO Draft.</u>** 	
2	The template as shown is the Template from CAAP. You can download the Templates at the website of CAAP. The previous tutorial explains how to set the Templates&Reports.	
3	1. Click the **View Wizard** button.	

4 	1. Browse to the folder **Roadroller**. 2. Select the file type: **Assembly Document (*.asm)** 3. Open the document **Roadroller-3001-Assembly-A**. 4. Click the **Open** button. 	
5 	1. Make sure the options are set as shown and click on **Next**. 	
6 	1. Click the **Custom** button. 	

7	2. Click the **Custom View** button. 3. Make sure the front view is set. Point at the green dots in the Common Views and click to change the views. 4. Close the **Common Views**. 5. Click the **Close** button. 	
8 	1. Select the other view, as shown. 2. Click the **Finish** button. 	
9 	3. Point the red area, as shown and click to place the views.	

10	1. Click the **View Wizard** button.	
11	2. Click the **OK** button.	
12	3. Make sure the options are set as shown and click on **Next**.	

13	1. Click the **Custom** button.	
14	2. Click the **Custom View** button. 3. Make sure the isometric view is set. Point at the green dots in the Common Views and click to change the views. 4. Close the **Common Views**. 5. Click the **Close** button.	
15	1. Point the red area, as shown and click to place the view.	

16 + 	1. Click the **Select** button. 2. Click on the **iso view**. 3. Select **1:1** as scale.	
17 	If the **Select** is still active. 1. Select and drag the views, as shown.	
18 	All views are placed in the **drawing**. Now the part list can be placed. This will be explained at the next steps.	

19	1. Click the **Parts List** button.	
20	2. Select the view above. 3. Make sure the type **ISO-CAAP-A4-STAAND** is selected. 4. Click to place the list.	
21	1. Click the **Zoom Area** button.	

22	2. Select the area, as shown.	
23	1. Click the **Select** button.	
24	2. Select the balloon 7 and drag the balloon to the place, as shown.	

25	3. Repeat step 24 to drag the balloons 5 and 6.	
26	1. Click the **Fit** button.	
27	2. Click the **Balloon** button.	

28	1. Make sure the **Balloon – Link to Part List** is selected. 2. Click the **Balloon – Item nummer** button. 3. Click on the point, as shown. 4. Click to place the balloon.	
29	1. Repeat step 28 to place the balloon of the rear axis. 2. Repeat step 28 to place the balloon of the front axle.	
30	All **drawings** are ready. Now the file can be saved.	

31	Now we set the File properties. 1. Click the **Application Button**. 2. Click on **Properties**. 3. Click the **File Properties**.	
32	1. Click the **Summary** tab. 2. Fill in *Assembly* at Title. 3. Go to the **Project** tab and fill in the following properties: Document Number*: 3001*. Revision Number*: A*. Project Name: *Roadroller*. 4. Click **OK** to close the screen.	
33	The file has to be saved in the folder: *Roadroller*. 1. Click on the floppy icon. 2. Browse to the folder Roadroller. 3. Save the document by name *Roadroller-3001-Assembly-A.asm*. 4. Close the file. ***Hint:*** *Save all files of one project in the same folder.*	